

# Connecting for Better Health Meeting: AB 352 Policy Workshop

Webinar 4/25



# Speaker introduction



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National Association of Community  
Health Centers (NACHC)

# Data Infrastructure to Manage Sensitive Data

## Data Segmentation

Define / Identify

Analyze / Report

Tag

Enforce

Coordination with related industry initiatives:

- Sequoia Project ***Privacy & Consent Workgroup*** - Gaps, methods, implementations
- Shift Interoperability ***Terminology Workgroup*** - Value set definitions, stewards

# Industry Collaboration



**Collaboration with American Health Information Management Association (AHIMA) and clinical SMEs to develop initial value set**

- Initial focus: prepare tools that AHIMA members can use to assure compliance with OCR final rule



## **Value Set Steward: National Association of Community Health Centers (NACH)**

- Commitment to develop, publicly post, and maintain value sets to support legally required management of multiple categories of highly sensitive data, including State and regulation-specific groupers
- Value sets developed using Clinical Architecture's Symedical data management platform, posted to the National Library of Medicine (NLM) Value Set Authority Center (VSAC): <https://vsac.nlm.nih.gov/>
- Development and continuous maintenance of value sets on Clinical Architecture's platform and Symedical's clinical data management platform



# Develop agreement on value sets for priority sensitive data types

- Reproductive health services - including abortion and related services, pregnancy, infertility, contraceptive services (multiple statutes)
- Gender affirming care (CA AB 352)
- Individual value sets can be selected by organizations based on local interpretation of compliance requirements

## Sensitive Data Value Sets Code Systems

Diagnoses	Procedures
ICD-10	CPT
SNOMED-CT Concepts	HCPCS
ICD-10-PCS	SNOMED CT Procedures
Medications	Documentation*
RxNorm	LOINC
NDC	
HCPCS	

\* Pregnancy outcome, abortion #, method, consent



# Identifying value sets based on related patient data

## Gender Affirming Care

Gender Dysphoria	Transfeminine Regimens, All
Gender Identity	Transfeminine Regimens, Antiandrogens
Intersex Surgery, All	Transfeminine Regimens, Estrogens
Intersex Surgery, Female to Male	Transfeminine Regimens, GnRH Agonists
Intersex Surgery, History	Transmasculine Regimens, All
Intersex Surgery, Male to Female Sex	Transmasculine Regimens, Testosterone, Parenteral
Intersex Surgery, Non-specific	Transmasculine Regimens, Testosterone, Transdermal
Sexual Orientation	



# Identifying value sets based on related patient data

## Abortion and Abortion-related Services

Abortion Medications	Abortion, Medical Management
Abortion, 1st Trimester	Abortion, Spontaneous / Miscarriage
Abortion, 2nd Trimester	Abortion, Surgical Management
Abortion, 3rd Trimester	Age of Gestation
Abortion, All	Methotrexate Injection
Abortion, Elective	Mifepristone
Abortion, Failed Attempt	Misoprostol
Abortion, Induced	



# Identifying value sets based on related patient data

## Contraception

Contraception, Counseling	Contraceptive, Hormonal Progestogen Intrauterine Devices (IUD)	Contraceptive, Spermicides for Contraception
Contraception, Surveillance	Contraceptive, Implants	Contraceptive, Sponges
Contraceptive, Cervical Cap Barrier	Contraceptive, Intrauterine Devices (IUD)	Contraceptive, Sterilization, All
Contraceptive, Combination Oral (COC)	Contraceptive, Intrauterine Devices (IUD), Non specific	Contraceptive, Sterilization, Female
Contraceptive, Copper Intrauterine Devices (IUD)	Contraceptive, Long-Acting Reversible Contraception (LARC)	Contraceptive, Sterilization, Male
Contraceptive, Diaphragm and Cervical Cap	Contraceptive, Oral Contraceptives	Contraceptive, Transdermal Patch
Contraceptive, Diaphragm Barrier	Contraceptive, Oral Usage	Contraceptive, Vaginal Rings
Contraceptive, Emergency Contraception Progestogen or Progestin only Pills (POP)	Contraceptive, Progestogen only Injectable Contraceptives (POIC)	Contraceptives, All
Contraceptive, Female or Male Condom Use	Contraceptive, Progestogen only or Progestin only Pills (POP)	Contraceptives, Oral

Note: We plan to post value sets that support the additional sensitive conditions referenced in the OCR's recent HIPAA Privacy Rule to Support Reproductive Health Care Privacy, including Infertility treatment and Prenatal Care



**Based on permissions provided by data sources, Health Gorilla can analyze and report on specific value sets.**

Total patient population

**27.6mil**

California population in Health Gorilla's database

**2,697,789**

CA AB 352 Codes

**29,046 (1.076%)**

Where to Start

## Go to the National Library of Medicine (NLM) Value Set Authority Center (VSAC) Support Center

<https://www.nlm.nih.gov/vsac/support/index.html>



<https://tinyurl.com/NLMVSAC>

# Getting a Unified Medical Language System (UMLS) Account to Access VSAC

1. Go to the VSAC Support Center:

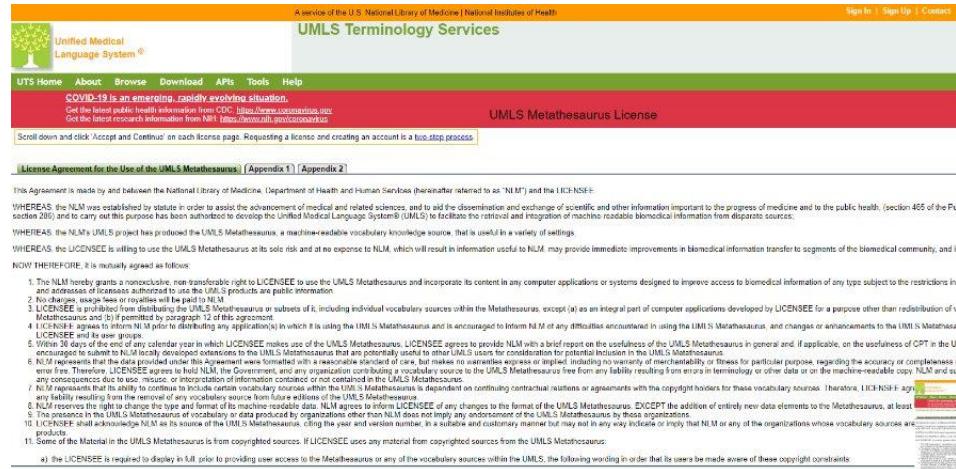
<https://www.nlm.nih.gov/vsac/support/index.html>

2. Click on “Request a UMLS License”:

<https://www.nlm.nih.gov/vsac/support/usingvsac/requestumlslicense.html>

3. Fill out the UTS License Request Form

4. Wait for credentials and sign in to VSAC



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Sign In / Sign Up / Contact

COVID-19 is an emerging, rapidly evolving situation. Get the latest public health information from CDC: <https://www.cdc.gov/covid19>

Get the latest research information from NLM: <https://www.ncbi.nlm.nih.gov/coronavirus>

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Scroll down and click 'Accept and Continue' on each license page. Requesting a license and creating an account is a two-step process.

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**NOTE: By signing the UMLS license agreement you are agreeing not to violate the licensing of any of the code systems you access using VSAC. If you are unsure of these requirements they are available in the UTS agreement.**

# How to Search and Filter in VSAC

## Filter Options:

Name

OID

Code System

Definition

Steward = NACHC

Code

Keywords

The screenshot shows the NLM Value Set Repository interface. At the top, there are tabs for Welcome, Search Value Sets (which is active), Authoring, Collaboration Management, Download, and links for Comparison Tool, Browse Code Systems, and Help. Below the tabs, there are search fields for 'Search the NLM Value Set Repository', 'Program: All', and 'Expansion Version: Latest'. A 'COVID-19 Value Sets' link is also present. The main content area is titled 'Refine by:' and shows a sidebar with a 'Code System' dropdown and a 'Search' button. The sidebar also includes a 'Filter' dropdown set to 'Enter keyword' and a 'Check all' checkbox. A red box highlights this sidebar. The main table area shows search results for 'NACHC' with 205 entries. The columns are: Code System, Definition Type, Steward, OID, Expansion Status, and Code Count. A red box highlights the 'Steward' column, which lists 'NACHC' for all entries. The table includes rows for various code systems like KANORM, HCPCS, CPT, ICD10CM, and SNOMEDCT, with their respective grouping and extensional definitions.

Code System	Definition Type	Steward	OID	Expansion Status	Code Count		
KANORM	Grouping	NACHC	2.16.840.1.113762.1.4.1221.129	Active	127		
HCPCS	Intensional	NACHC	2.16.840.1.113762.1.4.1221.152	Active	1		
HCPCS	Intensional	NACHC	2.16.840.1.113762.1.4.1221.153	Active	2		
CPT	Intensional	NACHC	2.16.840.1.113762.1.4.1221.154	Active	1		
HCPCS	Extensional	NACHC	2.16.840.1.113762.1.4.1221.155	Active	2		
CPT	HCPCS, ICD10CM, SNOMEDCT	Grouping	NACHC	2.16.840.1.113762.1.4.1221.156	Active	189	
Abortion, All (CPT)	CPT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.151	Active	14	
Abortion, All (ICD 10 CM)	ICD10CM	Intensional	NACHC	2.16.840.1.113762.1.4.1221.146	Active	32	
Abortion, All (SNOMED CT)	SNOMEDCT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.149	Active	114	
Abortion, Elective	SNOMEDCT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.156	Active	1	
Abortion, Elective	ICD10CM	Extensional	NACHC	2.16.840.1.113762.1.4.1221.157	Active	1	
Abortion, Elective	ICD10CM, SNOMEDCT	Grouping	NACHC	2.16.840.1.113762.1.4.1221.165	Active	2	
Abortion, Failed Attempt	ICD10CM	Extensional	NACHC	2.16.840.1.113762.1.4.1221.158	Active	16	
Abortion, Induced	CPT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.159	Active	9	
Abortion, Induced	HCPCS	Extensional	NACHC	2.16.840.1.113762.1.4.1221.160	Active	5	
Abortion, Induced	CPT	HCPCS	Grouping	NACHC	2.16.840.1.113762.1.4.1221.161	Active	14
Abortion, Medical Management	CPT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.162	Active	6	
Abortion, Medical Management	HCPCS	Extensional	NACHC	2.16.840.1.113762.1.4.1221.163	Active	1	
Abortion, Medical Management	CPT	HCPCS	Grouping	NACHC	2.16.840.1.113762.1.4.1221.164	Active	7
Abortion, Spontaneous / Miscarriage	ICD10CM	Extensional	NACHC	2.16.840.1.113762.1.4.1221.169	Active	31	

Matched Value Sets							
	Name	Code System	Definition Type	Steward	OID	Expansion Status	Code Count
<input type="checkbox"/>	Abortion			NACHC			
<input type="checkbox"/>	Abortion Medications	RXNORM	Grouping	NACHC	2.16.840.1.113762.1.4.1221.179	Active	127
<input type="checkbox"/>	Abortion, 1st Trimester	HCPCS	Intensional	NACHC	2.16.840.1.113762.1.4.1221.152	Active	1
<input type="checkbox"/>	Abortion, 2nd Trimester	HCPCS	Intensional	NACHC	2.16.840.1.113762.1.4.1221.153	Active	2
<input type="checkbox"/>	Abortion, 2nd Trimester	CPT	Intensional	NACHC	2.16.840.1.113762.1.4.1221.154	Active	1
<input type="checkbox"/>	Abortion, 3rd Trimester	HCPCS	Extensional	NACHC	2.16.840.1.113762.1.4.1221.155	Active	2
<input type="checkbox"/>	Abortion, All	CPT HCPCS ICD10CM SNOMEDCT	Grouping	NACHC	2.16.840.1.113762.1.4.1221.150	Active	189
<input type="checkbox"/>	Abortion, All (CPT)	CPT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.151	Active	14
<input type="checkbox"/>	Abortion, All (ICD 10 CM)	ICD10CM	Intensional	NACHC	2.16.840.1.113762.1.4.1221.146	Active	32
<input type="checkbox"/>	Abortion, All (SNOMED CT)	SNOMEDCT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.149	Active	114
<input type="checkbox"/>	Abortion, Elective	SNOMEDCT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.156	Active	1
<input type="checkbox"/>	Abortion, Elective	ICD10CM	Extensional	NACHC	2.16.840.1.113762.1.4.1221.157	Active	1
<input type="checkbox"/>	Abortion, Elective	ICD10CM SNOMEDCT	Grouping	NACHC	2.16.840.1.113762.1.4.1221.165	Active	2
<input type="checkbox"/>	Abortion, Failed Attempt	ICD10CM	Extensional	NACHC	2.16.840.1.113762.1.4.1221.158	Active	16
<input type="checkbox"/>	Abortion, Induced	CPT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.159	Active	9
<input type="checkbox"/>	Abortion, Induced	HCPCS	Extensional	NACHC	2.16.840.1.113762.1.4.1221.160	Active	5
<input type="checkbox"/>	Abortion, Induced	CPT HCPCS	Grouping	NACHC	2.16.840.1.113762.1.4.1221.161	Active	14
<input type="checkbox"/>	Abortion, Medical Management	CPT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.162	Active	6
<input type="checkbox"/>	Abortion, Medical Management	HCPCS	Extensional	NACHC	2.16.840.1.113762.1.4.1221.163	Active	1
<input type="checkbox"/>	Abortion, Medical Management	CPT HCPCS	Grouping	NACHC	2.16.840.1.113762.1.4.1221.164	Active	7
<input type="checkbox"/>	Abortion, Spontaneous / Miscarriage	ICD10CM	Extensional	NACHC	2.16.840.1.113762.1.4.1221.169	Active	31
<input type="checkbox"/>	Abortion, Spontaneous / Miscarriage	SNOMEDCT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.170	Active	96
<input type="checkbox"/>	Abortion, Spontaneous / Miscarriage	ICD10CM SNOMEDCT	Grouping	NACHC	2.16.840.1.113762.1.4.1221.171	Active	127
<input type="checkbox"/>	Abortion, Surgical Management	CPT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.166	Active	7
<input type="checkbox"/>	Abortion, Surgical Management	SNOMEDCT	Extensional	NACHC	2.16.840.1.113762.1.4.1221.167	Active	4
<input type="checkbox"/>	Abortion, Surgical Management	CPT SNOMEDCT	Grouping	NACHC	2.16.840.1.113762.1.4.1221.168	Active	11

[View](#) [Download](#)

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[Metadata](#)[Description](#)[Grouping  
Members](#)**Purpose:****Clinical Focus:**

The purpose of this value set is to represent encounters for elective induced abortion procedures, referring to abortions performed voluntarily and without medical necessity.

**Inclusion Criteria:**

This concept covers induced abortion procedures performed voluntarily and not due to fetal anomalies, maternal health risks, or other clinical indications.

**Data Element Scope:**

This value set group contains concepts intended for use with data elements related to the reason for an obstetric encounter or admission within electronic health records or clinical quality measures. The concept would belong to the Condition semantic category.

**Exclusion Criteria:**

Any concepts related to spontaneous abortions, missed abortions, or induced abortions performed for fetal anomalies, maternal health risks, or other medical reasons are explicitly excluded from this value set. Concepts describing additional details about the abortion procedure method, gestational age, or other clinical characteristics are not included. The value set is intentionally narrow to capture only elective, non-medically necessary induced abortion encounters.

**Note:****Value Set Members****Expanded Code List**[View](#) [Toggle](#) [Clear](#)

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Code	Descriptor	Code System	Version	Code System OID
18391007	Elective abortion (disorder)	SNOMEDCT	2023-09	2.16.840.1.113883.6.96
Z33.2	Encounter for elective termination of pregnancy	ICD10CM	2024	2.16.840.1.113883.6.90

[View](#)

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VSAC



## FHIR® Terminology Service for VSAC Resources

The FHIR Terminology Service for VSAC Resources is a RESTful API service for accessing the VSAC value sets and supported code systems.

### VSAC SVS API

The VSAC SVS API is based on the [IHE SVS Technical Framework](#), section 2.2.21 Sharing Value Set Integration Profile (SVS), and the [IHE SVS XML Schema](#)

[Base URLs](#)

[Authentication](#)

[Endpoint Calls and Related Utility Calls](#)

[Parameter Descriptions](#)

[HTTP Binding](#)



NATIONAL ASSOCIATION OF  
Community Health Centers

## Upcoming webinar

# Privacy Value Set Presentation

Tuesday, 5/14/2024  
10:00–11:00 AM PST

[Zoom registration:](#)

[https://healthgorilla.zoom.us/webinar/register/  
WN\\_DzH1gOs7T-FM1bTSn5LFg#/registration](https://healthgorilla.zoom.us/webinar/register/WN_DzH1gOs7T-FM1bTSn5LFg#/registration)

- Discuss progress toward the delivery of the value sets needed to support compliance with the new HIPAA reproductive health data requirements
- Present additional reporting using value sets tailored to the Maryland abortion data privacy regulation
- Dig into the process of developing the value sets and the methods that could be used to implement the value sets into compliance efforts by providers and networks





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